PATENT ABSTRACTS OF JAPAN

(11)Publication number:

09-233397

(43) Date of publication of application: 05.09.1997

(51)Int.Cl.

H04N 5/44 H04N 5/45 H04N 7/025 H04N 7/03 H04N 7/035 H04N 7/173

(21)Application number : **08-033840**

(71)Applicant : HITACHI LTD

(22) Date of filing:

21.02.1996

(72)Inventor: NAKAGAKI NOBUFUMI

TAKAHASHI SATOSHI KASAHARA YASUHIRO

KOJIMA NOBORU

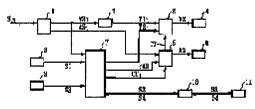
SUGIYAMA MASAHITO TERANISHI KENTARO HOSHINO TAKASHI HIRANO YASUHIRO

(54) INTERACTIVE TELEVISION RECEIVER

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain simple operability and convenience by discriminating command information, collecting and outputting concerned information from a data file or concerned data from a broadcast station.

SOLUTION: A broadcast radio wave STV is demodulated into a video signal VS and an audio signal AS by a tuner 1. The video signal VS is demodulated by a video demodulation section 2 and decoded by an ITV processing section 7 for interactive storage information and stored. A remote commander reception section 8 and a microphone 9 receive the command information, which is given to the ITV processing section 7, in which the reception command is discriminated, and concerned information is retrieved from a data file and outputted. When the concerned information is not available, a broadcast station server 11 is automatically accessed via a telephone line 10 and concerned data are



collected and outputted. An image synthesis section 3 applies synthesis processing the image signal V1 and

an interactive data V2 according to a control signal CT and displays the result. An audio synthesis section 5 applies synthesis processing and audio reproduction to the audio signal AS and interactive data A2. Thus, the simple operability and convenience are obtained.